



CONFIDENTIAL

Report: Chilt/P09017/02

**Certificate report on the testing of an
access panel to EN 1634-3:2004
corrigendum 1**

Issue date: June 2009



committed to excellence

**Prepared for:
Fire Proofing Services Ltd
Evolution House
Aston Road
Nuneaton
CV11 5EL**

www.chilternfire.co.uk

www.chilterndynamics.co.uk

www.qmark.info

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Certificate of Test: Chilt/P09017/02

This certificate is awarded to:

Fire Proofing Services Ltd
 Evolution House
 Aston Road
 Nuneaton
 CV11 5EL

This document confirms that performance testing was conducted on 5 February 2009. Testing was conducted to the following standard:-

- BS EN 1634-3:2004 Corrigendum 1 Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware. Smoke control test for door and shutter assemblies tested under ambient temperature conditions

The following results were achieved

Product tested	PFSA access panel		
BS EN 1634-3:2004	Pressure (Pa)	Leakage (m ³ /h)	Leakage (m ³ /m h)
Results under positive chamber pressure (access panel opening into test rig)	10	0.0	0.0
	25	0.0	0.0
	50	0.0	0.0
BS EN 1634-3:2004	Pressure (Pa)	Leakage (m ³ /h)	Leakage (m ³ /m h)
Results under negative chamber pressure (access panel opening into test rig)	10	0.0	0.00
	25	0.1	0.04
	50	0.1	0.04

From Approved document B Fire safety, Doors should have a leakage rate not exceeding 3m³/m/hour (head and jamb only) when tested at 25Pa

The results relate only to the specimens tested, as detailed in technical specification document number Chilt/P08000/tec1

Paul Andrews -
 Head of Section - Mechanical Testing
 Date:

Vincent Kerrigan -
 Technical Manager
 Date: 18-06-2009

Chiltern Dynamics

Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND, United Kingdom

Tel: 01494 569800 Fax: 01494 564895

Web: www.chilternfire.co.uk

Email: cif@chilternfire.co.uk



Technical specification

No: Chilt/P09017/tec2

Test For: Fire Proofing Services Ltd, Evolution House, Aston Road, Nuneaton, CV11 5EL

Performance testing to EN 1634-3:2004 Corrigendum 1 was conducted on your access panel on 5 February 2009 and the technical specification is detailed below. The specimen was delivered to Chiltern Dynamics laboratory on 3 February 2009.

Description of construction

The specimen was identified as PFSA access panel. The overall frame dimensions were 650mm wide x 650mm high x 29.5mm deep. The door leaf dimensions were 596mm wide x 594mm high x 25mm thick. The specimen was locked with a removable universal key.

Aperture frame (see Figure 1)

	Material/type	Dimensions (mm)
Stiles and rails	1.5mm thick Zintec steel folded profile	30 x 38
Rebate	Single type	28 x 14
Joints	Mitred and welded	-
Finish	Powder coated	-

* As stated by client, not checked by laboratory

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Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND, UK

Tel: 01494 569800

Fax: 01494 564895

Web: www.chilternfire.co.uk

Email: cif@chilternfire.co.uk

Access panel (see Figure 1)

	Material/type	Dimensions (mm)
Panel	Folded 1.5mm thick sheet Zintec steel tray	596 x 594 x 25
Lock holder	Folded 1mm thick sheet Zintec steel welded to tray	100 x 32 x 39
Joints	Welded corners	-
Finish	Powder coated	-

Hardware (see Figure 1)

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	M5 x 12 Pan head screws into M5 hankbush	M5 x 12 long	Fixed through 11 x 5 threaded block welded to leaf into hole in frame
Locking mechanism	Zinc plated budget lock Tianjin standard mild steel budget lock	80 x 23 x 8	Welded to lock holder on panel
Keeps	None locks over face of frame	-	-
Lock cover bolt	14 x 25 bolt with 3 x 26 neoprene washer	14 diameter x 25 long	Fits into nut welded behind lock mechanism covering socket

Perimeter sealing details (see Figure 1)

	Make/type	Size (mm)	Location
Casement edges	None fitted	-	-
Frame reveal	2No Lorient white elastomeric comp. seal 'P' profile (Ref. AS1020/100007E4)	6 wide	Rebate upstand of frame
Seal continuity	Seals uninterrupted by hardware	-	-

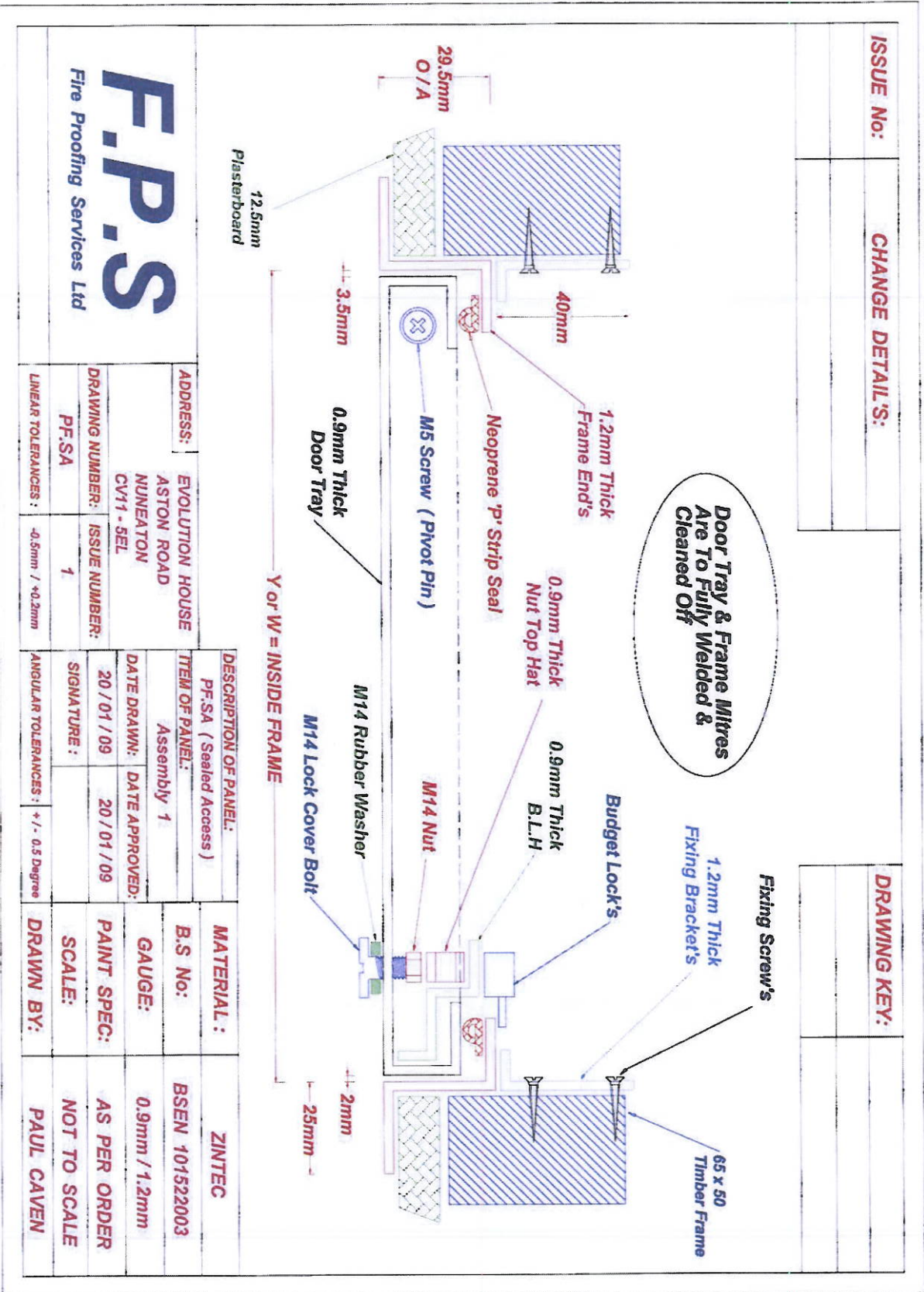


Figure 1 Cross section of access panel

